

09/380146 #3

510 Rec'd PCT/PTO 25 AUG 1999

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			
INFORMATION DISCLOSURE STATEMENT		Docket Number: 67190/973130	
Application Number To Be Assigned	Filing Date Herewith	Examiner To Be Assigned	Art Unit To Be Assigned
Invention Title REDUNDANCY-BASED ELECTRONIC DEVICE HAVING CERTIFIED AND NON-CERTIFIED CHANNELS		Inventor(s) BARTHEL et al.	

Assistant Commissioner
for Patents
Washington D.C. 20231
Box Patent Application

- I. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the following references to the attention of the Examiner. These references are listed on the attached modified PTO Form No. 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
- II. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated.

Dated: 25 Aug 1999

By:

for [Signature] (Reg No 36094)
[Signature]
 Richard L. Mayer (Reg. No. 22,490)

KENYON & KENYON
One Broadway
New York, N.Y. 10004
(212) 425-7200 (telephone)
(212) 425-5288 (facsimile)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANTS PTO FORM 1449	ATTY. DOCKET NO. 67190/973130	SERIAL NO. To be assigned
	APPLICANTS BARTHEL et al.	
	FILING DATE Herewith	GROUP To be assigned

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	PATENT DATE (MM/DD/YY)	NAME	CLASS	SUBCLASS	FILING DATE*
	5,136,704	August 4, 1992	DANIELSEN et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE (MM/DD/YY)	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 742 507	November 13, 1996	Europe			X*	
	195 04 404	June 20, 1996	Germany			X*	
	37 18 582	December 10, 1987	Germany			X*	

* Listed in Search Report.

OTHER DOCUMENTS

EXAMINER INITIAL		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		Zender, P., "Sicherheitsgerichtete SPS In Anlagen mit Gefahrdungspotential (Safety Related PLC in Plants with Hazard Potential)," Automatisierungstechnische Praxis - ATP, Bd. 36, Nr. 12, December 1, 1994, pp. 27-34.*
		Verma, M. R. et al., "The Design and Development of a Fail Safe Interlocking System Microprocessors for Indian Railways, Information Technologies for the Nineties - E2C2"; Energy, Electroni Computers Communications, Bombay, November 22, 1989, Conf. Nr. 4, IEEE, pp. 511-514.*
		"Card Functional Self-Test Diagnostic Method," IBM Technical Disclosure Bulletin, Bd. 32, Nor. 3A, August 1989, pp. 401-402.*

* Listed in the Search Report.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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